Author Index

Altschuler, R.A., see Brown, J.N. (70) 167
Altschuler, R.A., see Schwartz, D.R. (70) 243
Avan, P., Bonfils, P., Loth, D. and Wit, H.P.
Temporal patterns of transient-evoked otoacoustic emissions in normal and impaired cochleae (70) 109

Bagger-Sjöbäck, D., see Von Unge, M. (70) 229
Bonfils, P., see Avan, P. (70) 109
Brown, A.M.
Distortion in the cochlea: Acoustic f_2-f_1 at low stimulus levels (70) 160
Brown, J.N., Miller, J.M., Altschuler, R.A. and Nuttall, A.L.
Osmotic pump implant for chronic infusion of drugs into the inner ear (70) 167
Brownell, W.E., see Pollice, P.A. (70) 187

Campbell, D.G., Daniel III, H.J. and Hume, W.G.
Aging and otitis media as sources of variance in the rat auditory brainstem response (70) 127
Carey, M.B. and Zelick, R.
The effect of sound level, temperature and dehydration on the brainstem auditory evoked potential in anuran amphibians (70) 216
Chen, Y., see Xu, S.-A. (70) 205
Clark, G.M., see Xu, S.-A. (70) 205

Daniel III, H.J., see Campbell, D.G. (70) 127
Decraemer, W.F., see Von Unge, M. (70) 229
Dirckx, J.J., see Von Unge, M. (70) 229
Durham, D., Matschinsky, F.M. and Rubel, E.W.
Altered malate dehydrogenase activity in nucleus magnocellularis of the chicken following cochlea removal (70) 151

Erre, J.P., see Horner, K.C. (70) 1

Frey, K., see Schwartz, D.R. (70) 243

Haggerty, H.S., Lusted, H.S. and Morton, S.C.
Statistical quantification of 24-hour and monthly variabilities of spontaneous otoacoustic emission frequency in humans (70) 31
Hisashi, K., see Komune, S. (70) 197
Horner, K.C., Huang, W. and Erre, J.P.
The effect of a taurine modified diet on normal and hydropic ears of the guinea pig (70) 1
Huang, W., see Horner, K.C. (70) 1
Hubbard, A.E., see Xue, S. (70) 121
Hume, W.G., see Campbell, D.G. (70) 127

Kimitsuki, T., see Komune, S. (70) 197
Komune, S., Nakagawa, T., Hisashi, K., Kimitsuki, T. and Uemura, T.
Mechanism of lack of development of negative endocochlear potential in guinea pigs with hair cell loss (70) 197

Lechene, C., see Mroz, E.A. (70) 139
Lechene, C., see Mroz, E.A. (70) 146
Lechene, C., see Mroz, E.A. (70) 22
Lechene, C., see Mroz, E.A. (70) 9
Lonsbury-Martin, B.L., see Mensh, B.D. (70) 50
Lonsbury-Martin, B.L., see Mensh, B.D. (70) 65
Loth, D., see Avan, P. (70) 109
Lusted, H.S., see Haggerty, H.S. (70) 31

Martin, G.K., see Mensh, B.D. (70) 50
Martin, G.K., see Mensh, B.D. (70) 65
Matschinsky, F.M., see Durham, D. (70) 151
Mensh, B.D., Lonsbury-Martin, B.L. and Martin, G.K.
Distortion-product emissions in rabbit: II. Prediction of chronic-noise effects by brief pure-tone exposures (70) 65
Mensh, B.D., Patterson, M.C., Whitehead, M.L., Lonsbury-Martin, B.L. and Martin, G.K.
Distortion-product emissions in rabbit: I. Altered susceptibility to repeated pure-tone exposures (70) 50
Miller, J.M., see Brown, J.N. (70) 167
Miller, J.M., see Schwartz, D.R. (70) 243
Morton, S.C., see Haggerty, H.S. (70) 31
Mountain, D.C., see Xue, S. (70) 121
Mroz, E.A. and Lechene, C.
Calcium and magnesium transport by isolated goldfish hair cells (70) 139
Mroz, E.A. and Lechene, C.
Extracellular *N*-methyl-D-glucamine leads to loss of hair-cell sodium, potassium, and chloride (70) 146
Mroz, E.A., Nissim, K.R. and Lechene, C.
Electron-probe analysis of isolated goldfish hair cells: Implications for preparing healthy cells (70) 9
Mroz, E.A., Nissim, K.R. and Lechene, C.
Rapid resting ion fluxes in goldfish hair cells are balanced by (Na^+,K^+)-ATPase (70) 22
Mroz, E.A., see Sewell, W.F. (70) 131
Mugnaini, E., see Vetter, D.E. (70) 173

Nakagawa, T., see Komune, S. (70) 197
Nissim, K.R., see Mroz, E.A. (70) 22
Nissim, K.R., see Mroz, E.A. (70) 9
Nuttall, A.L., see Brown, J.N. (70) 167

Oesterle, E.C., Tsue, T.T., Reh, T.A. and Rubel, E.W.
Hair-cell regeneration in organ cultures of the postnatal chicken inner ear (70) 85

Patterson, M.C., see Mensh, B.D. (70) 50
Pollice, P.A. and Brownell, W.E.
Characterization of the outer hair cell's lateral wall membranes (70) 187

Reh, T.A., see Oesterle, E.C. (70) 85
Rubel, E.W., see Durham, D. (70) 151
Rubel, E.W., see Oesterle, E.C. (70) 85

Saldaña, E., see Vetter, D.E. (70) 173
Schacht, J., see Schwartz, D.R. (70) 243
Schwartz, D.R., Schacht, J., Miller, J.M., Frey, K. and Altschuler, R.A.

Chronic electrical stimulation reverses deafness-related depression of electrically evoked 2-deoxyglucose activity in the guinea pig inferior colliculus (70) 243
Sewell, W.F. and Mroz, E.A.
Flavin adenine dinucleotide is a major endogenous fluorophore in the inner ear (70) 131
Shepherd, R.K., see Xu, S.-A. (70) 205
Slepecky, N.B. and Ulfendahl, M.
Evidence for calcium-binding proteins and calcium-dependent regulatory proteins in sensory cells of the organ of Corti (70) 73

Tsue, T.T., see Oesterle, E.C. (70) 85

Uemura, T., see Komune, S. (70) 197
Ulfendahl, M., see Slepecky, N.B. (70) 73

Vetter, D.E., Saldaña, E. and Mugnaini, E.
Input from the inferior colliculus to medial olivocochlear neurons in the rat: A double label study with PHA-L and cholera toxin (70) 173
Von Unge, M., Decraemer, W.F., Bagger-Sjöbäck, D. and Dirckx, J.J.
Displacement of the gerbil tympanic membrane under static pressure variations measured with a real-time differential moire interferometer (70) 229

Whitehead, M.L., see Mensh, B.D. (70) 50
Wit, H.P., see Avan, P. (70) 109

Xu, S.-A., Shepherd, R.K., Chen, Y. and Clark, G.M.
Profound hearing loss in the cat following the single co-administration of kanamycin and ethacrynic acid (70) 205
Xue, S., Mountain, D.C. and Hubbard, A.E.
Acoustic enhancement of electrically-evoked otoacoustic emissions reflects basilar membrane tuning: Experiment results (70) 121

Zelick, R., see Carey, M.B. (70) 216

Subject Index

Acoustic emission
Cochlear distortion; Nonlinearity; Hair cell motility (Brown, A.M. (70) 160)

Acoustic middle-ear reflex
Pure-tone exposure; $2f_1-f_2$ distortion-product emissions; Temporary-threshold shift; Susceptibility; Resistance; Rabbit (Mensh, B.D. (70) 50)

Acoustic pathways
Auditory brainstem; Superior olive; Retrograde labeling; Anterograde labeling; Immunocytochemistry (Vetter, D.E. (70) 173)

Acoustic trauma
Human cochlea; Otoacoustic emissions (Avan, P. (70) 109)

Aging
Auditory brainstem response (ABR); *Mycoplasma pulmonis*; Otitis media; Rat (Campbell, D.G. (70) 127)

Animal model
Tympanic membrane; Moire interferometry; Shape; Displacement; Mechanical properties; Elasticity (Von Unge, M. (70) 229)

Anterograde labeling
Auditory brainstem; Acoustic pathways; Superior olive; Retrograde labeling; Immunocytochemistry (Vetter, D.E. (70) 173)

Anuran
Frog; Evoked potential; Auditory brainstem response; Temperature; Dehydration (Carey, M.B. (70) 216)

Auditory
Bird; Vestibular; Hair cells; Hair-cell regeneration; Organ cultures (Oesterle, E.C. (70) 85)

Deafferentation; Oxidative metabolism; Cochlear nucleus (Durham, D. (70) 151)

Auditory brainstem
Acoustic pathways; Superior olive; Retrograde labeling; Anterograde labeling; Immunocytochemistry (Vetter, D.E. (70) 173)

Autoradiographic technique; [^{14}C]-2-deoxyglucose; Metabolic activity; Deafness; Electrical stimulation; Implant (Schwartz, D.R. (70) 243)

Auditory brainstem response
Frog; Anuran; Evoked potential; Temperature; Dehydration (Carey, M.B. (70) 216)

Auditory brainstem response (ABR)
Aging; *Mycoplasma pulmonis*; Otitis media; Rat (Campbell, D.G. (70) 127)

Auditory diseases
Endolymphatic sac; Menière's disease; Cochlea; Taurine; Calcium (Horner, K.C. (70) 1)

Auditory nerve
Guinea pig; Tetrodotoxin; Cochlea; Synapse flattening (Brown, J.N. (70) 167)

Auditory system
Hair cell; Autofluorescence; Flavins; Goldfish; Formaldehyde (Sewell, W.F. (70) 131)

Autofluorescence
Hair cell; Auditory system; Flavins; Goldfish; Formaldehyde (Sewell, W.F. (70) 131)

Autoradiographic technique
[^{14}C]-2-deoxyglucose; Metabolic activity; Deafness; Electrical stimulation; Auditory brainstem; Implant (Schwartz, D.R. (70) 243)

Biological rhythms
Otoacoustic emissions; Time series analysis; Cochlear metabolism; Menstrual cycle (Haggerty, H.S. (70) 31)

Bird
Auditory; Vestibular; Hair cells; Hair-cell regeneration; Organ cultures (Oesterle, E.C. (70) 85)

Calbindin
Hair cell; Calcium; Calsequestrin; Calmodulin; Caldesmon; Pyroantimonate (Slepecky, N.B. (70) 73)

Calcium
Endolymphatic sac; Menière's disease; Cochlea; Auditory diseases; Taurine (Horner, K.C. (70) 1)

Hair cell; Calsequestrin; Calmodulin; Caldesmon; Calbindin; Pyroantimonate (Slepecky, N.B. (70) 73)

Hair cells; Electron-probe analysis; Ion transport; Magnesium (Mroz, E.A. (70) 139)

Caldesmon
Hair cell; Calcium; Calsequestrin; Calmodulin; Calbindin; Pyroantimonate (Slepecky, N.B. (70) 73)

Calmodulin
Hair cell; Calcium; Calsequestrin; Caldesmon; Calbindin; Pyroantimonate (Slepecky, N.B. (70) 73)

Calsequestrin
Hair cell; Calcium; Calmodulin; Caldesmon; Calbindin; Pyroantimonate (Slepecky, N.B. (70) 73)

[^{14}C]-2-deoxyglucose
Autoradiographic technique; Metabolic activity; Deafness; Electrical stimulation; Auditory brainstem; Implant (Schwartz, D.R. (70) 243)

Cell isolation
Hair cells; Ion composition; Electron-probe analysis; Culture media (Mroz, E.A. (70) 9)

Cell volume
Hair cells; Ion transport; Sodium-potassium ATPase; Electron-probe analysis; Ménière's disease (Mroz, E.A. (70) 22)

Cochlea
Endolymphatic sac; Menière's disease; Auditory diseases; Taurine; Calcium (Horner, K.C. (70) 1)

Gerbil; Otoacoustic emissions; Electrically-evoked emissions; Hearing (Xue, S. (70) 121)

Guinea pig; Tetrodotoxin; Auditory nerve; Synapse flattening (Brown, J.N. (70) 167)

Cochlear distortion
Acoustic emission; Nonlinearity; Hair cell motility (Brown, A.M. (70) 160)

Cochlear implant
Ototoxicity; Nephrotoxicity; Hearing loss; Ethacrynic acid; Kanamycin (Xu, S.-A. (70) 205)

Cochlear metabolism
Otoacoustic emissions; Time series analysis; Menstrual cycle; Biological rhythms (Haggerty, H.S. (70) 31)

Cochlear nucleus
Deafferentation; Oxidative metabolism; Auditory (Durham, D. (70) 151)

Conductance
Endocochlear potential; Endolymph; Perilymph; Permeability (Komune, S. (70) 197)

Culture media
Hair cells; Ion composition; Electron-probe analysis; Cell isolation (Mroz, E.A. (70) 9)

Deafferentation
Oxidative metabolism; Auditory; Cochlear nucleus (Durham, D. (70) 151)

Deafness
Autoradiographic technique; [^{14}C]-2-deoxyglucose; Metabolic activity; Electrical stimulation; Auditory brainstem; Implant (Schwartz, D.R. (70) 243)

Dehydration
Frog; Anuran; Evoked potential; Auditory brainstem response; Temperature (Carey, M.B. (70) 216)

$DiOC_6$
Outer hair cell; Subsurface cisternae; C_6-NBD-Ceramide; Golgi apparatus; Endoplasmic reticulum (Pollice, P.A. (70) 187)

Displacement
Tympanic membrane; Animal model; Moire interferometry; Shape; Mechanical properties; Elasticity (Von Unge, M. (70) 229)

Elasticity
Tympanic membrane; Animal model; Moire interferometry; Shape; Displacement; Mechanical properties (Von Unge, M. (70) 229)

Electrically-evoked emissions
Gerbil; Otoacoustic emissions; Hearing; Cochlea (Xue, S. (70) 121)

Electrical stimulation
Autoradiographic technique; [^{14}C]-2-deoxyglucose; Metabolic activity; Deafness; Auditory brainstem; Implant (Schwartz, D.R. (70) 243)

Electron-probe analysis
Hair cells; Ion composition; Culture media; Cell isolation (Mroz, E.A. (70) 9)

Hair cells; Cell volume; Ion transport; Sodium-potassium ATPase; Ménière's disease (Mroz, E.A. (70) 22)

Hair cells; Ion transport; Calcium; Magnesium (Mroz, E.A. (70) 139)

Endocochlear potential
Endolymph; Perilymph; Permeability; Conductance (Komune, S. (70) 197)

Endolymph
Endocochlear potential; Perilymph; Permeability; Conductance (Komune, S. (70) 197)

Endolymphatic sac
Menière's disease; Cochlea; Auditory diseases; Taurine; Calcium (Horner, K.C. (70) 1)

Endoplasmic reticulum
Outer hair cell; Subsurface cisternae; C_6-NBD-Ceramide; $DiOC_6$; Golgi apparatus (Pollice, P.A. (70) 187)

Ethacrynic acid
Ototoxicity; Nephrotoxicity; Hearing loss; Kanamycin; Cochlear implant (Xu, S.-A. (70) 205)

Evoked potential
Frog; Anuran; Auditory brainstem response; Temperature; Dehydration (Carey, M.B. (70) 216)

$2f_1-f_2$ distortion-product emissions
Pure-tone exposure; Temporary-threshold shift; Susceptibility; Resistance; Acoustic middle-ear reflex; Rabbit (Mensh, B.D. (70) 50)

$2f_1$-f_2 distortion-product emissions
Pure-tone exposure; Noise exposure; Susceptibility; Rabbit (Mensh, B.D. (70) 65)

Flavins
Hair cell; Auditory system; Autofluorescence; Goldfish; Formaldehyde (Sewell, W.F. (70) 131)

Formaldehyde
Hair cell; Auditory system; Autofluorescence; Flavins; Goldfish (Sewell, W.F. (70) 131)

Frog
Anuran; Evoked potential; Auditory brainstem response; Temperature; Dehydration (Carey, M.B. (70) 216)

Gerbil
Otoacoustic emissions; Electrically-evoked emissions; Hearing; Cochlea (Xue, S. (70) 121)

Goldfish
Hair cell; Auditory system; Autofluorescence; Flavins; Formaldehyde (Sewell, W.F. (70) 131)

Golgi apparatus
Outer hair cell; Subsurface cisternae; C_6-NBD-Ceramide; $DiOC_6$; Endoplasmic reticulum (Pollice, P.A. (70) 187)

Guinea pig
Tetrodotoxin; Cochlea; Auditory nerve; Synapse flattening (Brown, J.N. (70) 167)

Hair cell
Calcium; Calsequestrin; Calmodulin; Caldesmon; Calbindin; Pyroantimonate (Slepecky, N.B. (70) 73)

Auditory system; Autofluorescence; Flavins; Goldfish; Formaldehyde (Sewell, W.F. (70) 131)

Hair cell motility
Cochlear distortion; Acoustic emission; Nonlinearity (Brown, A.M. (70) 160)

Hair-cell regeneration
Bird; Auditory; Vestibular; Hair cells; Organ cultures (Oesterle, E.C. (70) 85)

Hair cells
Ion composition; Electron-probe analysis; Culture media; Cell isolation (Mroz, E.A. (70) 9)

Cell volume; Ion transport; Sodium-potassium ATPase; Electron-probe analysis; Ménière's disease (Mroz, E.A. (70) 22)

Bird; Auditory; Vestibular; Hair-cell regeneration; Organ cultures (Oesterle, E.C. (70) 85)

Electron-probe analysis; Ion transport; Calcium; Magnesium (Mroz, E.A. (70) 139)

Ion transport; Permeability; pH regulation (Mroz, E.A. (70) 146)

Hearing
Gerbil; Otoacoustic emissions; Electrically-evoked emissions; Cochlea (Xue, S. (70) 121)

Hearing loss
Ototoxicity; Nephrotoxicity; Ethacrynic acid; Kanamycin; Cochlear implant (Xu, S.-A. (70) 205)

pH regulation
Hair cells; Ion transport; Permeability (Mroz, E.A. (70) 146)

Human cochlea
Otoacoustic emissions; Acoustic trauma (Avan, P. (70) 109)

Immunocytochemistry
Auditory brainstem; Acoustic pathways; Superior olive; Retrograde labeling; Anterograde labeling (Vetter, D.E. (70) 173)

Implant
Autoradiographic technique; [^{14}C]-2-deoxyglucose; Metabolic activity; Deafness; Electrical stimulation; Auditory brainstem (Schwartz, D.R. (70) 243)

Ion composition
Hair cells; Electron-probe analysis; Culture media; Cell isolation (Mroz, E.A. (70) 9)

Ion transport
Hair cells; Cell volume; Sodium-potassium ATPase; Electron-probe analysis; Ménière's disease (Mroz, E.A. (70) 22)

Hair cells; Electron-probe analysis; Calcium; Magnesium (Mroz, E.A. (70) 139)

Hair cells; Permeability; pH regulation (Mroz, E.A. (70) 146)

Kanamycin
Ototoxicity; Nephrotoxicity; Hearing loss; Ethacrynic acid; Cochlear implant (Xu, S.-A. (70) 205)

Magnesium
Hair cells; Electron-probe analysis; Ion transport; Calcium (Mroz, E.A. (70) 139)

Mechanical properties
Tympanic membrane; Animal model; Moire interferometry; Shape; Displacement; Elasticity (Von Unge, M. (70) 229)

Menière's disease
Endolymphatic sac; Cochlea; Auditory diseases; Taurine; Calcium (Horner, K.C. (70) 1)

Ménière's disease
Hair cells; Cell volume; Ion transport; Sodium-potassium ATPase; Electron-probe analysis (Mroz, E.A. (70) 22)

Menstrual cycle
Otoacoustic emissions; Time series analysis; Cochlear metabolism; Biological rhythms (Haggerty, H.S. (70) 31)

Metabolic activity
Autoradiographic technique; [^{14}C]-2-deoxyglucose; Deafness; Electrical stimulation; Auditory brainstem; Implant (Schwartz, D.R. (70) 243)

Moire interferometry
Tympanic membrane; Animal model; Shape; Displacement; Mechanical properties; Elasticity (Von Unge, M. (70) 229)

Mycoplasma pulmonis
Aging; Auditory brainstem response (ABR); Otitis media; Rat (Campbell, D.G. (70) 127)

C_6-NBD-Ceramide
Outer hair cell; Subsurface cisternae; $DiOC_6$; Golgi apparatus; Endoplasmic reticulum (Pollice, P.A. (70) 187)

Nephrotoxicity
Ototoxicity; Hearing loss; Ethacrynic acid; Kanamycin; Cochlear implant (Xu, S.-A. (70) 205)

Noise exposure
Pure-tone exposure; $2f_1$-f_2 distortion-product emissions; Susceptibility; Rabbit (Mensh, B.D. (70) 65)

Nonlinearity
Cochlear distortion; Acoustic emission; Hair cell motility (Brown, A.M. (70) 160)

Organ cultures
Bird; Auditory; Vestibular; Hair cells; Hair-cell regeneration (Oesterle, E.C. (70) 85)

Otitis media
Aging; Auditory brainstem response (ABR); *Mycoplasma pulmonis*; Rat (Campbell, D.G. (70) 127)

Otoacoustic emissions
Time series analysis; Cochlear metabolism; Menstrual cycle; Biological rhythms (Haggerty, H.S. (70) 31)

Human cochlea; Acoustic trauma (Avan, P. (70) 109)

Gerbil; Electrically-evoked emissions; Hearing; Cochlea (Xue, S. (70) 121)

Ototoxicity
Nephrotoxicity; Hearing loss; Ethacrynic acid; Kanamycin; Cochlear implant (Xu, S.-A. (70) 205)

Outer hair cell
Subsurface cisternae; C_6-NBD-Ceramide; $DiOC_6$; Golgi apparatus; Endoplasmic reticulum (Pollice, P.A. (70) 187)

Oxidative metabolism
Deafferentation; Auditory; Cochlear nucleus (Durham, D. (70) 151)

Perilymph
Endocochlear potential; Endolymph; Permeability; Conductance (Komune, S. (70) 197)

Permeability
Hair cells; Ion transport; pH regulation (Mroz, E.A. (70) 146)

Endocochlear potential; Endolymph; Perilymph; Conductance (Komune, S. (70) 197)

Pure-tone exposure
$2f_1-f_2$ distortion-product emissions; Temporary-threshold shift; Susceptibility; Resistance; Acoustic middle-ear reflex; Rabbit (Mensh, B.D. (70) 50)

Noise exposure; $2f_1$-f_2 distortion-product emissions; Susceptibility; Rabbit (Mensh, B.D. (70) 65)

Pyroantimonate
Hair cell; Calcium; Calsequestrin; Calmodulin; Caldesmon; Calbindin (Slepecky, N.B. (70) 73)

Rabbit
Pure-tone exposure; $2f_1-f_2$ distortion-product emissions; Temporary-threshold shift; Susceptibility; Resistance; Acoustic middle-ear reflex (Mensh, B.D. (70) 50)

Pure-tone exposure; Noise exposure; $2f_1$-f_2 distortion-product emissions; Susceptibility (Mensh, B.D. (70) 65)

Rat
Aging; Auditory brainstem response (ABR); *Mycoplasma pulmonis*; Otitis media (Campbell, D.G. (70) 127)

Resistance
Pure-tone exposure; $2f_1-f_2$ distortion-product emissions; Temporary-threshold shift; Susceptibility; Acoustic middle-ear reflex; Rabbit (Mensh, B.D. (70) 50)

Retrograde labeling
Auditory brainstem; Acoustic pathways; Superior olive; Anterograde labeling; Immunocytochemistry (Vetter, D.E. (70) 173)

Shape
Tympanic membrane; Animal model; Moire interferometry; Displacement; Mechanical properties; Elasticity (Von Unge, M. (70) 229)

Sodium-potassium ATPase
Hair cells; Cell volume; Ion transport; Electron-probe analysis; Ménière's disease (Mroz, E.A. (70) 22)

Subsurface cisternae
Outer hair cell; C_6-NBD-Ceramide; $DiOC_6$; Golgi apparatus; Endoplasmic reticulum (Pollice, P.A. (70) 187)

Superior olive
Auditory brainstem; Acoustic pathways; Retrograde labeling; Anterograde labeling; Immunocytochemistry (Vetter, D.E. (70) 173)

Susceptibility
Pure-tone exposure; $2f_1-f_2$ distortion-product emissions; Temporary-threshold shift; Resistance; Acoustic middle-ear reflex; Rabbit (Mensh, B.D. (70) 50)

Pure-tone exposure; Noise exposure; $2f_1$-f_2 distortion-product emissions; Rabbit (Mensh, B.D. (70) 65)

Synapse flattening
Guinea pig; Tetrodotoxin; Cochlea; Auditory nerve (Brown, J.N. (70) 167)

Taurine
Endolymphatic sac; Menière's disease; Cochlea; Auditory diseases; Calcium (Horner, K.C. (70) 1)

Temperature
Frog; Anuran; Evoked potential; Auditory brainstem response; Dehydration (Carey, M.B. (70) 216)

Temporary-threshold shift
Pure-tone exposure; $2f_1-f_2$ distortion-product emissions; Susceptibility; Resistance; Acoustic middle-ear reflex; Rabbit (Mensh, B.D. (70) 50)

Tetrodotoxin
Guinea pig; Cochlea; Auditory nerve; Synapse flattening (Brown, J.N. (70) 167)

Time series analysis
Otoacoustic emissions; Cochlear metabolism; Menstrual cycle; Biological rhythms (Haggerty, H.S. (70) 31)

Tympanic membrane
Animal model; Moire interferometry; Shape; Displacement; Mechanical properties; Elasticity (Von Unge, M. (70) 229)

Vestibular
Bird; Auditory; Hair cells; Hair-cell regeneration; Organ cultures (Oesterle, E.C. (70) 85)